

WE CLAIM,

1. An adjustable helmet comprising front and back shell portions, said front and back shell portions being movable relative to one another along guide means, adjustable engagement means constituted by interengaging members are positioned for registry with one another on opposed displaceable surface portions of said shell portions, shell clamping means to urge and retain said interengaging members of said shell portions in arresting relationship to prevent displacement of said shell portions, and a removable disabling insert is disposed between said shell portions and in obstructing relationship between said interengaging members in said opposed displaceable surfaces to prevent said clamping means to urge said interengaging members in arresting relationship while permitting adjustable displacement of said shell portions, said removable disabling, when removed, permitting said arresting relationship of said interengaging members with said shell portions disposed at a desired position relative to one another.
2. An adjustable helmet as claimed in claim 1 wherein said adjustable engagement means are provided on opposed sides of said helmet, there being a removable insert associated with a respective one of said adjustable engagement means.
3. An adjustable helmet as claimed in claim 2 wherein said guide means is constituted by one or more guide slots formed in a respective one of said opposed sides of said helmet and in one of said opposed displaceable surfaces, and a connector means extending through a respective one of said one or more guide slots for interconnecting said shell portions together.

4. An adjustable helmet as claimed in claim 3 wherein said connector means is a connector bolt having a female part with a threaded shaft provided with an enlarged head portion which is greater than the width of said guide slots, said head portion having a slot receiving portion to prevent axial rotation of said threaded shaft but permitting said shaft to be displaced along said guide slot, and a threaded bolt having a tool engaging head for threaded engagement in said threaded shaft, said female threaded shaft being associated with an inner one of said shell portions and said threaded bolt being associated with an outer one of said shell portions, said tool engaging head being accessible on an outer surface of said outer one of said shell portions.

5. An adjustable helmet as claimed in claim 3 wherein said interengagement members are disposed in close proximity to said guide slots.

6. An adjustable helmet as claimed in claim 5 wherein said interengagement members comprise a plurality of equidistantly spaced ribs disposed in side-by-side parallel relationship and defining troughs therebetween and formed in one of said opposed displaceable surfaces, and one or more connecting ribs having the same spacing disposed in the other of said displaceable surfaces and being receivable in selected ones of said troughs when said clamping means displaces the ribs in said arresting relationship.

7. An adjustable helmet as claimed in claim 6 wherein said plurality of equidistantly spaced ribs are disposed as a group of ribs formed over and about said guide slot of an inner one of said shell portions, said inner shell being said back shell portion.

8. An adjustable helmet as claimed in claim 7 wherein there are two of said slots disposed in said opposed

sides of said helmet, said slots being offset from one another, each slot having an associated one of said connector means.

9. An adjustable helmet as claimed in claim 8 wherein said connector means is a connector bolt having a female part with a threaded shaft provided with an enlarged head portion which is greater than the width of said guide slots, said head portion having a slot receiving portion to prevent axial rotation of said threaded shaft but permitting said shaft to be displaced along said guide slot, and a threaded bolt having a tool engaging head for threaded engagement in said threaded shaft, said female threaded shaft being associated with an inner one of said shell portions and said threaded bolt being associated with an outer one of said shell portions, said tool engaging head being accessible on an outer surface of said outer one of said shell portions.

10. An adjustable helmet as claimed in claim 9 wherein an outer one of said shell portions is said front shell portion, said front shell portion having opposed reinforced rearwardly extending connecting arms each provided with two spaced through bores for receiving a respective one of said threaded bolt therethrough with said tool engaging head being held captive in recesses formed about said through bores in an outer surface of said connecting arms.

11. An adjustable helmet as claimed in claim 3 wherein said removable insert is a flat flexible disabling insert member having passage means adapted for guiding displacement about said connector means to permit said insert member to be interposed between said interengagement members in said opposed displaceable surface portions.

12. An adjustable helmet as claimed in claim 11 wherein said disabling insert member is provided with finger grasping means to permit positioning and removal of said disabling insert member between said interengagement members.

13. An adjustable helmet as claimed in claim 12 wherein said finger grasping means is constituted by an extension tab formed integral with said flat flexible insert member and extending out of said opposed displaceable surface portion for easy access thereto.

14. An adjustable helmet as claimed in claim 13 wherein said extension tab is provided with a through hole therein to facilitate grasping.

15. An adjustable helmet as claimed in claim 12 wherein said insert member is a flat flexible thin sheet plastic member having opposed slippery surfaces.

16. A removable flat flexible disabling insert adapted to be disposed between interengaging members provided for registry with one another in opposed displaceable surface portions of adjustable shell portions of an adjustable helmet to prevent engagement of said interengaging members but permitting adjustable displacement of said shell portions, said disabling insert when removed permitting engagement of said interengaging members.

17. A removable flat flexible disabling insert as claimed in claim 16 wherein said removable insert is a flat flexible disabling insert member having passage means adapted for guiding displacement about said connector means to permit said insert member to be interposed between said interengagement members in said opposed displaceable surface portions about said connector means.

18. A removable flat flexible disabling insert as claimed in claim 17 wherein said disabling insert member is provided with finger grasping means to permit positioning and removal of said disabling insert member between said interengagement members.

19. A removable flat flexible disabling insert as claimed in claim 18 wherein said finger grasping means is constituted by an extension tab formed integral with said flat flexible insert member and extending out of said opposed displaceable surface portion for easy access thereto.

20. A removable flat flexible disabling insert as claimed in claim 19 wherein said extension tab is provided with a through hole therein to facilitate grasping.

21. A removable flat flexible disabling insert as claimed in claim 20 wherein said insert member is a flat flexible thin sheet plastic member having opposed slippery surfaces.